



GUIDELINE 40 – WASTE TRANSPORTATION, ACCEPTANCE AND SPILLAGE ISSUES FOR SOLID WASTE FACILITIES

North Dakota Department of Health - Division of Waste Management

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To ensure efficient and compliant waste transport and waste acceptance procedures for solid waste facilities, the North Dakota Department of Health (Department) developed these guidelines to increase communication and cooperation between waste generators, facility operators and commercial solid waste transporters. These guidelines are intended to help reduce or prevent waste spillage during delivery, inadequately prepared waste loads, inadequate waste characterization, unpermitted waste haulers, unsafe transport practices and similar issues.

Waste Transportation Requirements

Prior to accepting waste from any waste generator or waste source, the solid waste facility permittee (Waste Facility) must provide adequate information on the facility's approved waste acceptance and transportation requirements. The Waste Facility must also receive signed documentation from each generator that they are fully aware of the waste management requirements. It will be the responsibility of the waste generator to provide this information to any companies they will use for transporting waste to the facility.

In addition to specific Waste Facility requirements, the Department's waste management requirements include:

1. All waste intended for transport and disposal shall be properly characterized, treated, stabilized, and handled.
2. All commercial waste transporters, including companies that have subcontracted for another company to transport waste must have a valid permit to transport solid waste issued by the Department and all waste must be transported in compliance with applicable permits, state laws and rules, and the facility requirements. If a waste transporter is subcontracting for another waste transporter, the subcontractor must have their own unique waste transport permit.
3. The Waste Facility must take reasonable efforts to verify each commercial transporter does indeed have a permit and that the permit number is unique to that company.
4. All loads brought to the facility must be carefully loaded and transported such that waste will not fall, leak, spill, or release airborne waste materials during transit. No waste containing free liquids will be accepted. Windblown dust or airborne contaminants from waste or waste impacted materials is considered waste spillage.
5. All waste transporters must educate each individual driver under their employ to monitor the loads to ensure all requirements are met. In the event a vehicle driver or operator notes the

vehicle appears overloaded, the waste appears likely to or is actually spilling or otherwise released, or should free liquids (including excess precipitation or snow melt on the waste) be observed from or within the load, the operator shall take appropriate actions and, if possible, without further release of waste, return the waste promptly to the waste generator for appropriate remedial measures. Covered or containerized waste loads are encouraged.

6. Should waste spillage or release occur, the collector or transporter must immediately cleanup and return spilled waste to the vehicle or container and clean and decontaminate the area. Transporters are encouraged to train vehicle operators on appropriate measures and to equip each transport vehicle with some basic cleanup equipment (shovels, bags, brooms, absorbent, plastic sheeting, etc.).
7. The Waste Facility must ensure adequate space for vehicle cleanup is afforded in an approved area in or close to the landfill unit. All spilled or cleanup materials must be properly handled, containerized and disposed as soon as practicable.
8. The outer surface areas and tires of transportation vehicles leaving the active landfill or unloading area must be inspected by both the hauler and the facility staff to ensure the vehicle is adequately cleaned before exiting the landfill.
9. Adequate cleaning measures must ensure no waste is clinging to the outside or on the front, back, side-rails, and tires of any vehicle, trailer, side dump, container, or other equipment.
10. No cleaning of truck or trailer surfaces may take place outside of the active landfill cell or other area approved by the Department unless appropriate provisions are provided to contain all waste materials.
11. The Waste Facility shall provide adequate and repeated education to waste generators and haulers on proper waste handling and approved routes of access to the facility, including traffic flow, safety advisories, vehicle cleanup procedures, and similar information to ensure safe delivery of waste.
12. The Waste Facility shall monitor and document waste loads brought to the facility to ensure applicable requirements are met and that the vehicle or unit has been carefully loaded, moved, unloaded, and cleaned.

Signage at or near the scale entrance to facility must clearly and boldly indicate:

- a. "North Dakota Waste Transporter Permit Required" and
- b. "All loads brought to this facility must be carefully loaded and transported such that waste will not fall, leak, spill, or release airborne waste materials during transit. No waste containing free liquids will be accepted."

Signage at or near the active disposal cell must clearly state "All Waste Must be Cleaned from Outer Truck Surfaces and Tires before Exiting."

Additional signs may be needed to guide vehicle operators to the appropriate area for cleanup activities. Appropriate equipment and containers shall be provided to facilitate vehicle cleanup procedures.

Solid Waste Facility Waste Acceptance Requirements

In addition to the waste characterization and profiling information, prior to accepting any individual load of waste, the Waste Facility shall record:

- a. The Department's waste transporter permit number and the transport company name;
- b. The vehicle license number;
- c. The driver's name, address, phone number, email address, and any other pertinent information;
- d. The company address, phone number, email address, and any other pertinent information;
- e. The waste generator name, address, phone number, email address;
- f. The location where waste was generated;
- g. Any issues on waste characterization, liquid content, spillage, etc.; and
- h. Any other pertinent information reasonably necessary to ascertain that waste has been properly transported and disposed at the facility in accordance with state law, rules and this permit.

If a waste transporter does not have a waste transporter permit unique to their company, the transport company and the waste generator must be promptly notified of the issue of noncompliance and the transporter must obtain a permit or waste loads will no longer be accepted from that transporter.

For any commercial transporter and/or waste generator who does not take timely measures to meet the Department's waste transportation permit requirements; who does not meet the facility waste acceptance and waste handling criteria; who has repeated incidents of waste spillage or release; who does not properly load, unload, decontaminate equipment, cleanup spillage; who does not operate in a safe manner or otherwise not cooperate with the facility and state waste management and transportation requirements, the Waste Facility shall reject further loads and contact the transport company, the waste generator and the Department regarding the incident. The Waste Facility shall complete a Waste Rejection Report form SFN 60120 and file it with the Department and the waste generator.

A Waste Rejection Report form SFN 60120 shall also be provided to the waste transporter who must also file this report with the Department.

Action for Waste Spillage or Releases from Transport Vehicles

The Waste Facility shall inspect the facility haul roads, access roads and other facility areas as well as public roads, highways and intersections within at least a mile of the facility entrance on an ongoing basis at least twice per operational day or more often if necessary to ensure that any waste that may have fallen, spilled, leaked, become airborne, or otherwise escaped the confines

of the transportation vehicle or container is promptly cleaned. Particular attention should be provided to areas where waste transport vehicles slowdown, stop or turn. Inspection records (which may include pictures) shall be retained as part of the facility operating record.

If the transporter is not available or otherwise fails to clean and decontaminate the area in a timely manner, not to exceed four hours from the incident, the waste spilled or released shall be promptly cleaned and the area decontaminated by the Waste Facility as soon as practicable. Any waste spilled or released must be promptly cleaned up and the area decontaminated as soon as practicable, no later than facility closure or by sunset of the day of operation, whichever is earlier. A summary of the waste spillage and cleanup incidents noted by the Waste Facility shall be included in the facility reports.

If one or more loads are noted to have spilled or released waste, show evidence of waste spillage on the outside of the transport vehicle, contain free liquids, or otherwise not meet the waste acceptance requirements, the transporter, driver and the waste generator shall be reminded of the Waste Facility, Waste Transport and Department waste management requirements and informed that the waste loading and transport procedures must be properly amended. If a transporter and/or generator do not cooperate, further waste from that transporter and that generator is no longer approved for transport or disposal until compliance is achieved. The Department's Division of Waste Management shall be informed of the incident by phone or email and the Department's Waste Rejection Report form SFN 60120 shall be completed and submitted.

Waste transporters and/or generators who fail to comply with the requirements shall not be allowed to dispose further waste at the facility until they have clearly amended their waste handling practices to preclude further releases, have completed any additional remediation necessary, and have filed a report with the facility and the Department indicating what measures they have taken to be in full accordance with state and facility waste acceptance practices. Records of such issues shall be maintained in the facility operating records.

In the event of any spill or release of waste that has the potential to impact surface water, human health or the environment, the transporter or Waste Facility shall take appropriate remedial measures and file an Environmental Incident Report. Contact the North Dakota Department of Health (1.701.328.5210 or 5166) or online at www.ndhealth.gov/ehs/eir/Eirform.htm.

NOTES: A waste transporter permit may not be required for equipment that is rented by, operated for and under direct control of a waste transporter that is already permitted by the Department so long as it is operated by and is insured by that permitted waste transporter and all activities are in accord with state and facility requirements. The permitted waste transport company should include regular updates on the use of rented equipment in a notification to both the Department and the Waste Facility. In such instances, the transportation company holding the permit to transport solid waste shall educate the drivers on the state and Waste Facility requirements and assumes liability for transportation issues regarding waste materials.